PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Effective October 1, 2003 CLAIMS AS FILED - PART I 10817145 SMALL ENTITY (Column 1) TOTAL CLAIMS (Column 2) OTHER THAN TYPE _ OR SMALL ENTITY FOR RATE FEE NUMBER FILED RATE FEE NUMBER EXTRA TOTAL CHARGEABLE CLAIMS BASIC FEE 385.00 OR BASIC FEE 770.00 minus 20= INDEPENDENT CLAIMS 10 X\$ 9= X\$18= minus 3 = OR MULTIPLE DEPENDENT CLAIM PRESENT G X43= X86≃ OR * If the difference in column 1 is less than zero, enter "0" in column 2 +145= OR +290= CLAIMS AS AMENDED - PART II TOTAL OR TOTAL 770.00 (Column 1) (Column 2) OTHER THAN CLAIMS (Column 3) SMALL ENTITY OR SMALL ENTITY HIGHEST AMENDMENT REMAINING AFTER NUMBER PRESENT ADDI-PREVIOUSLY AMENDMENT ADDI-EXTRA RATE PAID FOR TIONAL Total RATE TIONAL Minus FEE FEE Independent X\$ 9= Minus X\$18= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR X43= X86= OR 200 +145= +290= OR TOTAL (Column 1) TOTAL OR ADDIT. FEE ADDIT, FEE (Column 2) (Column 3) 8 CLAIMS REMAINING HIGHEST AMENDMENT AFTER NUMBER PRESENT ADDI-AMENDMENT PREVIOUSLY ADDI-**EXTRA** RATE PAID FOR TIONAL. Total RATE TIONAL Minus FEE Independent FEE Minus X\$ 9= X\$18= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM *** OR X43= X86= OR +145= OR +290= BEST AVAILABLE COP TOTAL (Column 1) ADDIT. FEE TOTAL OR (Column 2) ADDIT. FEE CLAIMS (Column 3) REMAINING HIGHEST AMENDMENT NUMBER AFTER PRESENT ADDI-**PREVIOUSLY** AMENDMENT EXTRA ADDI-RATE PAID FOR TIONAL Total RATE TIONAL Minus FEE FEE Independent X\$ 9= Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM *** OR X\$18= X43= X86≈ OR • If the entry in column 1 is less than the entry in column 2, write "0" in column 3. "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." +145= mill the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." +290= OR The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. TOTAL

ADDIT. FEE!